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Query Match 7.4%; Score 290.6; DB 3; Length Best Local Similarity 78.2%; Pred. No. 3.1e-49; Matches 465; Conservative 0; Mismatches 89; Indels	REGISTRATION NUMBER: 39,317 REFERENCE/DOCKET NUMBER: 240052.419 PELECOMMUNICATION INFORMATION: PELEPHONE: (206) 622-4900 PELEFAX: (206) 682-6931 INFORMATION FOR SEQ ID NO: 79: SEQUENCE CHARACTERISTICS: SEQUENCE CHARACTERISTICS: 1, LENGTH: 87350 base pairs TYPE: nucleic acid STRANDEDNESS: single TOPOLOGY: linear CS-08-781-891-79	OS Ver ,891	RESULT: 1 US-08-791-891-79/c Sequence 79, Application US/08781891 Sequence 79, Application US/08781891 Sequence 79, Application US/08781891 Sequence 79, Application US/08781891 Applicant: Fu, Ying-Hui Applicant: Yu, Chang-En Applicant: Oshima, Junko Applicant: Oshima, Junko Applicant: Oshima, Junko Applicant: Schilanberg, Gerald D. Applicant: Schilanberg, Gerald D. TITLE OF INVENTION: GENE AND GENE PRODUCTS RELATED TO TITLE OF INVENTION: WERNER'S SYNDROME UMBER OF SEQUENCES: 209 CORRESPONDENCE ADDRESS: ADDRESSE: SEED and BERRY LLP STREET: 6300 Columbia Center, 701 Fifth Avenue	8-696-731-5 US91-00899-3 LIGNMENTS	28 180 4.6 6769 5 PCT-US95-10202-20 29 180 4.6 6769 5 PCT-US95-10203-20 30 180 4.6 6769 5 PCT-US95-10203-20 31 179.4 4.6 11531 1 US-08-048-945A-1 32 179.4 4.6 11531 1 US-08-442-806-1 33 178.4 4.6 4576 1 US-08-832-833-49 34 178.2 4.6 4576 2 US-08-832-877-49 35 177.2 4.5 1613 2 US-08-812-204-1 36 177.2 4.5 5596 4 US-09-078-294-5 37 177.2 4.5 80246 4 US-09-78-294-4 38 176.2 4.5 4220 1 US-08-832-883-66 39 176.2 4.5 4220 2 US-08-832-883-66 39 176.2 4.5 4220 2 US-08-832-883-66 39 176.2 4.5 1000 4 US-09-018-584A-33 41 175.8 4.5 8174 1 US-08-532-058A-5 42 175.8 4.5 8174 1 US-08-535-058A-5	
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                                                                                     SOFTWARE: PatentIn Release #1.0, Version CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/323,443B
           ATTORNEY/AGENT INFORMATION:
NAME: Ludwig, S. Peter
REGISTRATION NUMBER: 25,
                                                                                                                                                                  COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                    APPLICANT:
                                                                                                                                                                                                                                                                                           CORRESPONDENCE ADDRESS:
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OPERATING SYSTEM: PC-DOS/MS-DOS
                                                         CLASSIFICATION:
                                                                          FILING DATE:
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LENGTH: 31571 base pairs
TYPE: nucleic acid
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Pred. No. 5.8e-33;
1; Mismatches 469;
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; TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (gen
US-08-658-136-2
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                                                                                                                                          INFORMATION FOR SEQ ID NO: 2:
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APPLICANT:
                                                                                                                                                                                         REGISTRATION NUMBER: 31,845
REFERENCE/DOCKET NUMBER: GEN4-17.8
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                             COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CORRESPONDENCE ADDRESS:
ADDRESSEE: GENZME CORPORATION
STREET: ONE MOUNTAIN ROAD
CITY: FRAMINGHAM
STATE: MASSACHUSETTS
COUNTRY: USA
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                                                                          SEQUENCE CHARACTERISTICS:
LENGTH: 53526 base pairs
TYPE: nucleic acid
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                                                                                                                                                                                                                                                                                                                                                          SOFTWARE: PatentIn Release #1.0, Version CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: QIAN, FENG
TITLE OF INVENTION: POLYCYSTIC KIDNEY DISEASE GENE
NUMBER OF SEQUENCES: 58
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TELEFAX: 508-872-5415
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CLASSIFICATION: 435
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CONNORS, TIMOTHY D
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                                                                                                                                                                                                                                                              Query Match
                                                                                                                                                                                                                                                                                                                                                                     TELEFAX: 508-872-5415
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 53577 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                GENERAL INFORMATION:
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APPLICANT:
APPLICANT:
     1107
                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELECOMMUNICATION INFORMATION: TELEPHONE: 508-872-8400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CURRENT APPLICATION DATA: APPLICATION NUMBER: US
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CORRESPONDENCE ADDRESS:
ADDRESSEE: GENZYME CORPORATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TITLE OF INVENTION: POLYCYSTIC KIDNEY DISEASE GENE NUMBER OF SEQUENCES: 58
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT:
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                                                                                                                                                                                928 tgtttttttttttttttttttttgactgagtttgactcttgtcacccaggctgaagtg
                                                                                                                                                                                                                                                                                                                                                       STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NAME: LASSEN, ELIZABETH REGISTRATION NUMBER: 31
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CITY: FRAMINGHAM
STATE: MASSACHUS
                                                                                                                                                                                                                                                Local Similarity
                                                                                                                                                                                                                                                                                                                                                 TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FILING DATE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SOFTWARE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     STREET:
                                                                                                   CAATGGCAC----GATCTCGGCTCATGGCAACCTCCGCCTCCTGGGTTCAAGCGCTTTT 6347
                                                                                                                                                                 TTTTTTTTTTTTTTTTTTTTGAGACAGAGTTCACTCTTGTTGCCAAGGCTGGAGTG
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                                                  tectgeeteageeteetgagtagetaggattaegggeatgeaceaecatgeetggetaat 1106
                                                                                                                  caatggcatggcatgatcttggctcactgcaacctccgcctcccgggttcaagtg-attc
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ttgtattttagtagagttggggcttctccacactggtcaggctggtctcgaactccca
                                     TCCTGCCTCAGCCTCCCGAGTAGCTGGGATTACAGGCGTGCACCACCATGCCTGGCTAAT
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BURN, TIMOTHY C
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               KLINGER, KATHERINE W
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  QIAN, FENG
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 DACKOWSKI,
                                                                                                                                                                                                                                 Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PatentIn Release #1.0,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                GERMINO, GREGORY
                                                                                                                                                                                                                                                                                                                                                 linear
                                                                                                                                                                                                                                                                                                                            DNA (genomic)
                                                                                                                                                                                                                                                                                                                                                              single
                                                                                                                                                                                                                                             5.4%;
55.7%;
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                                                                                                                                                                                                                                               Score 209.2; DB 3
Pred. No. 7.2e-33;
                                                                                                                                                                                                                                 Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Version
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                                                                                                                                                                                                                                                              DB 3;
                                                                                                                                                                                                                                469;
                                                                                                                                                                                                                                                              Length 53577;
                                                                                                                                                                                                                                 Indels
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7297 TGACCTCAGGTGATCCGCCTGCCTTGGCCTCCCAAAGTGTTTGGGATTACAGGTGTGAGCC
                               1999 tgagctcaagtgatcagtccgcctcggcctcccaaagttctgggatttcaggcgtgagcc
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                                                                                                                                    GTATTTTTAGGAGAGAGGGGTTTCTCCACGTT-----GGTCAGGCTGGTCTCAAACTCC
                                                                                                                                                                    ctatttttagtagagatggggtttcgccatgctggccaggccaggctggtctcaaactcc 1988
                                                                                                                                                                                                                                                                                                         gtctc-----agctgggattacaggcgcacaccatcacaccacgctaattttt 1928
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                                                                                                                                                                                                                                                                                                                                                                                                                                          tgcagtggtgcgatcttggctcactgcaacctctgcctcccgggttcaagcgattctggt 1880
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        aagtcccccaggacattcacgtagtgaaaacctgtgtttaattatctgagcctataactt 1342
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            AAATATATACTTTTTTTTTTTTTTGAGACGGAGTTTCGCTCTTGTTGCCCCAGGCTGGAG
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   GGGTTTTACTGTGTTTGGCCAGGATGGTCTCGATCTCCTGACCTCGTGATCTGCCCACCTC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      AACCTCCG--ACTCCCTGGTTCAAGCGATTCTCCTGCCTCAGCCTCCCGAGTACCTGGTA 6882
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CACCACGCCCAGCCCTGACCCATGTTTTGAACCAAATTCCAGCCACCCTTTTATCTGCAA 6584
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                                                                                                                                                                                                                                                                      GCCTCAGCCTCTCCAGTAGCTGGGATTACAGGCATGTGCCACCATGCCTGGCTAA-TTTT
                                                                                                                                                                                                                                                                                                                                                                                                           TGCAGTGGCGCGATCTCACCTCACGGCAACCTCCGCCTCCCGGGTTCAAGTGATTCTCCT
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US-08-814-095-7/c
Sequence 7, Application US/08814095
Patenc No. 6025183
GENERAL INFORMATION:

APPLICANT: AFPLICANT: AFPLICANT: PIPLE OF IN

T: Soreq, IT: Zakut, IT: Shani, N

Hermona Haim Moshe

TRANSGENIC ANIMAL ASSAY SYSTEM FOR

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ATTORNEY/AGENT INFORMATION:

NAME: MONTGOMETY, Ilene N.
REGISTRATION NUMBER: 38,972
REFERENCE/DOCKET NUMBER: 2391
TELECOMMUNICATION INFORMATION:
TELEPHONE: (248) 539-5050
TELEPHONE: (248) 539-5055
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 35060 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "Cosmid including ACHE
DESCRIPTION: promotor, ACHE gene and ARS gene"
HYPOTHETICAL: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                          NAME/KEY: exon
LOCATION: 22465..22537
OTHER INFORMATION: /func
OTHER INFORMATION: /genc
OTHER INFORMATION: /numl
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                                                                                                                          LOCATION: 25524..26009
IDENTIFICATION METHOD:
OTHER INFORMATION: /cot
OTHER INFORMATION: /gen
OTHER INFORMATION: /num
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                                                                                                            FEATURE:
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                                                                                                                                                                                                                                                                                       LOCATION: 24090..25177

IDENTIFICATION METHOD: experimental OTHER INFORMATION: /function= "(traiother information: 24110)"

OTHER INFORMATION: /evidence= EXPER: OTHER INFORMATION: /gene= "ACHE"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NAME/KEY: promoter LOCATION: 4089..22464 OTHER INFORMATION: /fu OTHER INFORMATION: /st
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ADDRESSEE: KOHN & ASSOCIATES STREET: 30500 No. 6025183thwestern Highway, Suite CITY: Farmington Hills
NAME/KEY: exon
LOCATION: 27005..27274
LOCATION METHOD: experimental
OTHER INFORMATION: /evidence= EXPERIMENTAL
OTHER INFORMATION: /gene= "ACHE"
                                                                                                                                                                                                                                                                      OTHER INFORMATION:
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TOPOLOGY: lir
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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                                                                                                                                                                                                                                NAME/KEY:
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25524..26009
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                                                                                                                                         DD: experimental
/evidence= EXPERIMENTAL
/gene= "ACHE"
                                                                                                                                                                                                                                                                                                                            /function= "(translation start:
24110)"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   /function= "non-translated"
/gene= "ACHE"
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                                                                                                                                                                                                                                                                                  /evidence= EXPERIMENTAL
/gene= "ACHE"
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OTHER INFORMATION:
OTHER INFORMATION:
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FEATURE:
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OTHER INFORMATION: /function= "arse
OTHER INFORMATION: gene"
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LOCATION: complement (31363..31534)
OTHER INFORMATION: /gene= "AR"
OTHER INFORMATION: /number= 10
                                                                                                  %OCATION: complement (31894..32080) OTHER INFORMATION: /gene= "AR"
                                                                                                                                                                                                                                              NAME/KEY: exon
LOCATION: complement (32569..32628)
OTHER INFORMATION: /gene= "AR"
OTHER INFORMATION: /number= 7
                                                                                                                                                                                                                                                                                                                            LOCATION: complement (32959...33094) OTHER INFORMATION: /gene= "AR" OTHER INFORMATION: /number= 6
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OTHER INFORMATION: /gene= "AR"
OTHER INFORMATION: /number= 4
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                                                                                  OTHER INFORMATION:
                                                                                                                                                               LOCATION: complement (32386..32468)
OTHER INFORMATION: /gene= "AR"
OTHER INFORMATION: /number= 8
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OTHER INFORMATION: /gene= "AR"
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INFORMATION: /gene= "AR"
INFORMATION: /number= 3
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/evidence= EXPERIMENTAL
/gene= "ACHE"
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/gene= "ACHE"
/number= 6
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DOCATION: complement (29664..29856)
COTHER INFORMATION: /gene= "ARS"
OTHER INFORMATION: /number= 16
US-08-814-095-7
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NAME/KEY:
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OTHER INFORMATION: /gene= "AR"
OTHER INFORMATION: /number= 15
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OTHER INFORMATION: /gene= "AR"
OTHER INFORMATION: /number= 14
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OTHER INFORMATION: /gene= "AR"
OTHER INFORMATION: /number= 12
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OTHER INFORMATION: /gene= "AR"
OTHER INFORMATION: /number= 11
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OTHER INFORMATION: /gene= "AR"
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CCAACATAGTATATTTAAAAAGTAAAATAAAATTTGGCTGGATGTGGTGGCTTATGCCTGTA 1325
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                                                                               TGGGATAAATTCCTCAACATGTATTACTGGGTCACTAGTTATTGGTTGCCTATAGTTTTG 1331
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Pred. No. 1.5e-32;
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US-08-975-080-35/c
Sequence 35, Application US/08975080
Patent No. 6245523
GENERAL INFORMATION:
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                                                                 COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
'SOFTWARE: PatentIn Release #1.0, Version
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/975,080
FILING DATE: 20-NOV-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/031,435
FILING DATE: 20-NOV-1996
ATTORNEY/AGENT INFORMATION:
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                                                                                                                                                                                                                                                       CITY: Washington
                                                                                                                                                                                                           ZIP: 20036-5869
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CELLULAR APOPTOSIS, AND ITS MODULATION
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; MOLECULE TYPE:
US-08-975-080-35
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INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NAME: Adler, Reid G.
REGISTRATION NUMBER: 30,988
REFERENCE/DOCKET NUMBER: 044574-5022-01-WO
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-467-7000
TELEFAX: 202-467-7176
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nes 594; Conserv
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TYPE: nucleic acid
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TGGGGTGATTCTCCAGGGGAAAAAAATTAAAGCTGTGGAAGCAACTGAATCCGACAGAAA
                                                                                                                              taggtggaagcatctgcttactccatcaggacttctagggtagtcgggccttggcactca 1623
                                                                                                                                                                 CATAGCAAACATACTAAGAAAAAAAACAGCTACTCTTCTTGGCCAAAAAGAAAAACAAC
                                                                                                                                                                                          ccaactcagcacctggatcagcctgtgttggtagcagtttcatccccgtggttctgtgaa 1563
                                                                                                                                                                                                                              ATTTTCAAGAAGAATACCACTGATCTTTTCCCAGTGATTACGGGGATGCAGTATAACCAC
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                                 AAAAGGTGAGAAAAGAATATGGCATTACAGT---
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Pred. No. 8.7e-31;
1; Mismatches 508;
                                   -GTGGAAAGACAGATACCATCCGAGT
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US-09-630-706-10/c
; Sequence 10, Application US/09630706
; Patent No. 6277640
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US-09-630-706-10
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LOCATION: (110ee.
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NAME // (5154)
NAME // (5154)
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APPLICANT: Lex M. Cowsert
TITLE: NOTE: NOTE: ANTISENSE MODULATION OF HER-3 EXPRESSION
FILE: REFERENCE: RTS-0053
CURRENT APPLICATION NUMBER: US/09/630,706
CURRENT FILING DATE: 2000-08-01
                                                                                                                                                                                                                                                                                                                                                                                                                NAME/KEY: CDS
LOGATION: (2811)...(2921)
NAME/KEY: CDS
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ORGANISM: Homo sapiens
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ggctggtctcgaactcccaacctcaggtgataagggaaggggcactattgacatttatgg 1207
                                               caccatgcctggctaa--ttttgtatttttagtagagttggggcttctccacactggtca 1147
                                                                                       CTGGGTTCACGCCATTCTCCTGCCTCAGCCTCCCGAGTAGCTGGGACTACAGGCGCCCAC
                                                                                                      ccgggttcaagtgattctcctgcctcagcctcctgagtagctaggattacgggcatgcac
                                                                                                                                              GTCGCCCAGGCTGGAGTGCAGTGGTGCA----ATCTCGGCTCACTGCAAGCTCCGCCTC
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                                CACCACGCCCGGCTAATTTTTGTATTTTAGTGGAGACGGGGTTTCACCGTATTAGCCA
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                                                                                                                                                                                                                                                                          5.1%;
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Patent No. 587237
GENERAL INFORMATION:
APPLICANT: Feder,
APPLICANT: Kronmal
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                                                                 APPLICANT:
                   TITLE OF INVENTION:
                                                APPLICANT:
                                                                                                  APPLICANT:
                                                                                                                                                                                                                                                             1972 ggctggtctcaaactcctgagctcaagtgatcagtccgcctccggcctcccaaagt 2026
                                                                                                                                                                                                                                                                                                                                                1912 acaccacgctaatttttctattttttagtagagatggggtttcgccatgctggccaggcca
                                    APPLICANT:
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Tsuchihashi, Zenta
Tsuchihashi, Zenta
Wolff, Roger K.
WENTION: Megabase Transcript Map:
                                                            Ruddy, David A.
Thomas, Winston
                                                                                                                Kronmal, Gregory
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             No.
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                                                      107927 TTGGCCTCCCAAAGTGCTGGGATAATCACTTTTTATGCTGCATAATTCTTCAGATTTGTC 107868
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Best Local Similarity 53.8%;
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                                                                                      1253 tgaagaattgttcctcacccagattctcaaaagtcccccaggacattcacgtagtgaaaa 1312
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELECOMMUNICATION INFORMATION: "ELEPHONE: 415-576-0200 "ELEFAX: 415-576-0300
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NAME: Fitts, Renee A.
REGISTRATION NUMBER: 35,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FEATURE:
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LENGTH: 246240 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SOFTWARE: Patentin Release #1.0, Version CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     955 ctgagttttgactcttgtcacccaggctgaagtgcaatggcatggcatgatctttggctcac 1014
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TIPLE OF INVENTION: Sequences and Antibodies Thereto
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FILING DATE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: US/08/724,394A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS
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cctgtgtrtaattatctgagcctataactt--aatacagtttttaaaatttttttttaaat 1370
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not relevant
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Pred. No. 9e-29;
0; Mismatches 478;
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                                                                                                NUMBER OF SEQUENCES: 31
CORRESPONDENCE ADDRESS:
ADDRESSEE: TOWNSEND and TOWNSEND and CREW LLP
                                                                                                                                         TITLE OF INVENTION: Megabase Transcript Map: No. 58
TITLE OF INVENTION: Sequences and Antibodies Thereto
NUMBER OF SEQUENCES: 31
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94111-3834
                                                        San Francisco
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                                                                            Two Embarcadero Center, 8th Floor
                                                                                                                                                                                                      Tsuchihashi, Zenta
Wolff, Roger K.
                 USA
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                                                                                                                                                                                                                                                                     Ruddy, David A.
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US-08-724-394A-21
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Best Local Similarity 53.8%;
Matches 631; Conservative
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[NAME: FILLS, Renee A.
[NAME: NAME A.
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107637 CTGTTAGAATTTCATAATTTATAAAGCTACAAACTGTATGTGATATAGCTTGTAACTTTA 107628
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COMPUTER: PC-DOS/MS-DOS
COMPUTER: Patentin PC-DOS/MS-DOS
COMPUTER: Patentin Release #1.0, Version
COMPUTER: PATENTION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      955 ctgagtttgactcttgtcacccaggctgaagtgcaatggcatggcatgatcttggctcac 1014
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LENGTH: 246240 base pairs
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                                                                          ttgctaccaagagttgttcaacattttgttaaatcacttcattgatggcaacatgctgga 1490
                                                                                                                                                                             CCCTAATTAATTTTACAATTAATATGATTTTGAAATTGGGTATTGGCTCCTTCTGAATTG 107748
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       nucleic acid
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01-OCT-1996
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Pred. No. 9e-29;
0; Mismatches 478;
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMMUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, V.
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/724,394A
FILING DATE: 01-OCT-1996
                                                                                                                                                                                                                                                                                      CORRESPONDENCE ADDRESS:
ADDRESSEE: TOWNSEND and TOWNSEND and CREW LLP
STREET: Two Embarcadero Center, 8th Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          tgctggccaggccaggctggtctcaaactcctgagctcaagtgatcagtccgcctcggcc 2017
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                                                                                                                                                                                                                                                                                                                                                                Megabase Transcript Map: No. 58
Sequences and Antibodies Thereto
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                             US/08/724,394A
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REGISTRATION NUMBER: 35,136
REFERENCE/DOCKET NUMBER: 0179
TELECOMMUNICATION INFORMATION:
"TELEPHONE: 415-576-0300
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        INFORMATION FOR SEQ ID NO: 22: SEQUENCE CHARACTERISTICS:
                                                                                                                                          1431 ggtagttgagtcaccaactcagcacctggatcagcctgtgttggtagcagtttcatcccc
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1134 ctccacactggtcaggctggtctcgaacttcccaacctcaggtgataagggaaggggcact 1193
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1015 tgcaacctccggctcccgggttcaagtgattctccttgcctcagcctcctgagtagctagg 1074
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NAME/KEY: misc_feature LOCATION: 1..246240 OTHER INFORMATION: /no
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TTTTATTATAAACAAGTGTAAAAAAACAAAATCACTAAAAACACTCCCTCTTTTTTCCCCCA 107508
                                                                                                TCTCATAACTTTATGCAGTTACAAGTAGAAATAAAATGTTCCCCTCAAGATTGCTTAAAA 107568
                                                                                                                                                                                             CTGTTAGAATTTCATAAATTTATAAAGCTACAAACTGTATGTGATATAGCTTGTAACTTTA
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US-08-724-394A-22/c

Sequence 22, Application US/08724394A

Patent No. 58/22.

APPLICANT: Feder, John N.
APPLICANT: Kronmal, Gregory S.
APPLICANT: Lauer, Peter M.
APPLICANT: Ruddy, David A.
APPLICANT: Thomas, Winston
APPLICANT: Tsuchihashi, Zenta
APPLICANT: Wolff, Roger K.

TITLE OF INVENTION:
TITLE OF INVENTION:
NUMBER OF SEQUENCES:

COUNTRY:

USA

94111-3834 CA

STREET: Two Embarca CITY: San Francisco

CLASSIFICATION:

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                                                                                                                                                                                                                                                                                                                    Query Match
Best Local Similarity
Matches 633; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SOFTWARE: 1
SEQ ID NO 6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CURRENT APPLICATION NUMBER: US/09/173,914
CURRENT FILING DATE: 1998-10-16
EARLIER APPLICATION NUMBER: 60/064,557
EARLIER FILING DATE: 1997-10-17
NUMBER OF SEQ ID NOS: 35
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TITLE OF INVENTION: A NO. 6171857el Leucir
TITLE OF INVENTION: Methods of Regulating
FILE REFERENCE: B0877/7017/HK
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                107179 TGTT----AGCCGGGATGGTCTCGATCTCCTGACCTCA--TGATCTGCCCACCTCAGCC 107127
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Sequence 1, Application US/08688145 Paten: No. 5744310 GENERAL INFORMATION:

APPLICANT:

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RESULT 12
US-08-688-145-1
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Best Local (
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELEPHONE: (619) 535-9001
TELEFAX: (619) 535-8949
INFORMATION FOR SEQ ID NO: 1:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
ANAME: Campbell, Cathryn A.
REGISTRATION NUMBER: 31,815
REFERENCE/DOCKET NUMBER: P-LJ
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                              1178
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SEQUENCE CHARACTERISTICS:
LENGTH: 3885 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         384
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ZIP: 92122
COMPUTER READABLE FORM:
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TITLE OF INVENTION:
NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                  504
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nes 613; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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STATE: Californ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ADDRESSEE:
                                ttttttttaaatatacagtgaactttctaggaatgcaattatagttgtgtgta-aaatt 1416
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TAGCAGCCTTGATTTCCAAAGCAGGTGCACAGCTTCAGATAAAGGGTTTCTGGATGCAAC
                                                                                                                                                    CCAAGGACATGGTTTCTTACAGAGACTTTGTTCTCTAAATTCATAAATTGTTGGAAATTC
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Score 188.6; DB 1
Pred. No. 3.7e-29;
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US-09-385-982-237/c
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                                                                                                                            SOFTWARE: FastSEQ for Windows Version
SEQ ID NO 237
LENGTH: 609
                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                         GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 237, Application US/09385982 Patent No. 6262334
                                                                                                                                                                                                                                                                                   CURRENT FILING DATE: 1999-08-30
EARLIER APPLICATION NUMBER: 09/328,111
EARLIER FILING DATE: 1999-06-08
                                                                                                                                                                                                                                                                                                                                          TITLE OF INVENTION: NOVEL HUMAN GENES AND GENE EXPRESSION TITLE OF INVENTION: PRODUCTS: II FILE REFERENCE: CCDNA-260XX CUKRENT APPLICATION NUMBER: US/09/385,982
                                                                                                                                                                                                                        EARLIER APPLICATION NUMBER: 60/117,393
EARLIER FILING DATE: 1999-01-27
EARLIER APPLICATION NUMBER: 60/098,639
                                                                                                                                                                                    EARLIER FILING DATE: 1998-08-31 NUMBER OF SEQ ID NOS: 544
FEATURE: NAME/KEY: misc_feature LOCATION: (1)...(609)
OTHER INFORMATION: n = A,T,C
                                                                                  ORGANISM: Homo sapiens
                                                                                                       TYPE: DNA
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US-08-846-111D-15/c

; Sequence 15, Application US/08846111D

; Patent No. 6017705
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Best Local Similarity
Matches 227; Conserve
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US-08-846-111D-15
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APPLICANT: Lurquin, Christophe; Brasseur,
APPLICANT: Boon-Falleur, Thierry
                                         TELEFAX: (212) 638-3884
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 40352 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                              CLASSIFICATION: 435
PRIOR APPLICATION NUMBER: 08/658,578
FILING DATE: 5-MAY-1996
PRIOR APPLICATION NUMBER: 08/403,388
APPLICATION NUMBER: 08/403,388
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.5 inch, 360 kb storage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NUMBER OF SEQUENCES: 18
CORRESPONDENCE ADDRESS:
ADDRESSEE: Felfe & Lynch
STREET: 805 Third Avenue
                                                                                                                                                                                                                                                                                                                                                                                                              SOFTWARE: Wordperfect For DOS 6.0b CURRENT APPLICATION DATA:
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                                                                                                                                    TELEPHONE: (212) 688-9200
                                                                                                                                                                                                                            ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  964 actettgteaeceaggetgaagtgeaatggeatggeatgatettggeteaetgeaacete 1023
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                TOPOLOGY: 11
                                                                                                                                                                      REFERENCE/DOCKET NUMBER: 10,946
                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: FILING DATE: 25-API
                                                                                                                                                                                          NAME: Hanson, No. 6017705man D. REGISTRATION NUMBER: 30,946
                                                                                                                                                                                                                                                                                                                                                                                                                                               OPERATING SYSTEM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       STATE:
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                               single
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82.5%;
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Pred. No. 5.5e-29;
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RESULT 15
US-08-451-777A-7
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JS-08-451-777A-7
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Patent No. 5789223
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Best Miocal
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  GENERAL INFORMATION:
                                                                                                         INFORMATION FOR SEQ ID NO:
                                          SEQUENCE CHARACTERISTICS:

SENGTH: 7676 base pairs

FYPE: nucleic acid

STRANDEDNESS: double
                                                                                                                                                                                                                  APPLICATION NUMBER: PCT/US94/10825 FILING DATE: 23-SEP-1994 ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER READABLE FORM: MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                      SOFTWARE: PatentIn Release #1.0, CURRENT APPLICATION DATA:
                MOLECULE TYPE:
                                                                                                                                                                                                                                                                        PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT:
                                                                                                                                                         TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TITLE OF INVENTION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                           REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                          CLASSIFICATION:
                                                                                                                                                                                         NAME: Eagle, Alissa M. REGISTRATION NUMBER: 3
                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: US/0
FILING DATE: 26-MAY-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   $TREET: 709 Swedeland Road/UW2220 CITY: King of Prussia
                              TOPOLOGY:
                                                                                                                                           TELEPHONE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SmithKline Beecham Corp./Corporate Intellectual Property
                                                                                                                                           610-270-5364
             DNA (genomic)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        4.8%;
84.2%;
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                                                                                                                                                                                                                                                                                                                                                       Version
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Query Match 4.7%; Best Local Similarity 54.0%;

Score 184.2; DB 1; Length 7676; Pred. No. 3.8e-28;

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Matches 617; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1642 atgttattttattgcaagttacttttctttcatttcccctttacgttacagaaagggaag 1701
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           3617 AGTGCAGCGGCGCAATCTCCGGTTCACTGCATCCTCCACCTCCTGGGTCCAAATGATCCTC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             3501 GAA----CCCAGAACCCTATCTTATCTTATGCCATGAAAGGCATATCTCGGCGTGGCTCT
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1462 aatcacttcattgatggcaacatgctggaggtagttgagtcaccaactcagcacctggat 1521
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1282 aaagtcccccaggacattcacgtagtgaaaacctgtgtttaattatctgagcctataact 1341
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                                   tgtctc-----agctgggattacaggcgcacaccatcacaccacgctaatttt 1927
                                                                                                                           GTGCAGTGGCACGATCTCGGCTCACTGCAACCTCTGCCTCCCAGGTTCAAGTGATTCTCC
                                                                                                                                                         gtgcagtggtgcgatcttggctcactgcaacctctgcctcccgggttcaagcgattctgg 1879
                                                                                                                                                                                                                                                                                     | tctccctcctttcctttttgtttgagatggagtcttgctctgtcacccaggctgga
                                                                                                                                                                                                                                                                                                                                                                                CGTGATCTGCCCGCCTCAGCCTCCCAATGTGCTAGGATTACATGTGTGAGCCACTGCACC
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TGCCTCAGCCTCCTGAGTAGCTAGGATTAGAGGCATGTGCCACCACACCTGGCTAATCTT
                                                                                                                                                                                                                                                       TTTTATTATTTATTTATTTATTTGAGACAGAGTCTTGCTCTGTCACCCAGGCTGGA
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Search completed: March 2, 2002, 21:30:52 Job time: 9158 sec

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Copyright
GenCore version 4.5 (c) 1993 - 2000 Compugen Ltd.
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OM nucleic - nucleic search, using sw model

Run on:

Title:
Perfect score:
Sequence: US-09-622-745A-2 4594 1 atgttgctgctgctc

atgttgctgctgctact.....ctacccctgcccccacgcc 4594

Scoring table: IDENTITY_NUC
Gapop 10.0 , Gapext 1.0

Searched: 351203 seqs, 113238999 residues

Total number of hits satisfying chosen parameters: 702406

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0% Maximum Match 100% Listing first 45 summaries

Database :

Issued_Patents_NA:*
1: /cgn2_6/ptodata/2
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3: /cgn2_6/ptodata/2
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/cgn2_6/ptodata/2/ina/BCTUS_COMB.seq:*
/cgn2_6/ptodata/2/ina/backfiles1.seq:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

27	c 25		23	22				c 18				14	c 13	12	11				c 7			4	ω	N	ם	NO.	Result
63.6	١.					•	•	85.8			•		85.8	89	96.4	101.4	101.8	103.2	٠		105.2	•	129.4	129.4	138.4	Score	
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	e 20, App	e 20, App	e 1,	Sequence 11, Appl	15,	15,	e 15,	Sequence 15, Appl	15,	15,	1,	<u>,</u>	2	16,	2	12, App	14,	11,	13,	7,	Sequence 8, Appli	. 519651	Sequence 1, Appli	٠.	Sequence 14, Appl	Description	

Y Gertaer weet

ATTORNEY AGENT INFORMATION: NAME: BENT, Stephen A. REGISTRATION NUMBER: 29.768 REGISTRATION NUMBER: 30472/114 IMMU TELEFRENCE/DOCKET NUMBER: 30472/114 IMMU TELEFRAN: (703)836-9300 TELEFAX: (703)836-9300 TELEFAX: (703)836-9300 TELEFX: 899149 INFORMATION FOR SEQ ID NO: 14: SEQUENCE CHARACTERISTICS: LENGTH: 7218 base pairs TYPE: nucleic acid STRANDEDNESS: single TMEDIATE SOURCE: CLONE: pT29bt-F1s US-08-232-463-14	k iible ss/ms-Dos ase #1.0, Ver 08/232,463 07/935,313	BIN	ALIGNMI	28 63 1.4 678 4 US-09-040-984-52 28 61.6 1.3 4411529 4 US-09-103-840A-1 31 58.4 1.3 405 2 US-08-993-800A-3 31 58.4 1.3 4698 1 US-07-807-043B-5 32.5 58.4 1.3 4698 1 US-08-99-849B-5 34 58.4 1.3 4698 2 US-08-917-29-5 35 58.4 1.3 4698 2 US-08-917-230D-5 36 57.2 1.2 446 2 US-08-97-230D-5 37 56.6 1.2 80595 4 US-09-078-294-4 38 55.6 1.2 80595 4 US-09-078-294-3 39 55.8 1.2 1327 4 US-09-078-294-3 39 55.8 1.2 1327 4 US-09-078-294-3 39 55.8 1.2 1327 4 US-08-483-533-36 42 55.2 1.2 1280 4 US-09-179-588-62 42 55.2 1.2 1280 4 US-08-483-538-38 55.2 1.2 1280 4 US-08-483-538-38 55.2 1.2 289 4 US-09-07-005-17 55 1.2 289 4 US-09-07-005-17
				Sequence 52, Appli Sequence 1, Appli Sequence 3, Appli Sequence 5, Appli Sequence 5, Appli Sequence 5, Appli Sequence 5, Appli Sequence 6, Appli Sequence 26, Appli Sequence 3, Appli Sequence 11, Appl Sequence 17, Appl

TOPOLOGY: 11;

MOLECULE TYPE:
US-08-658-136-2

TYPE: nucleic acid
STRANDEDNESS: single

linear

DNA (genomic)

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RESULT 2
US-08-658-136-2
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APPLICANT: KLINGER
APPLICANT: BURN, T
APPLICANT: BURN, T
APPLICANT: CONNORS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 2, Application US/08658136 Patent No. 6071717
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Best Local
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Matches
                                 INFORMATION FOR SEQ ID NO: 2:
                SEQUENCE CHARACTERISTICS:
                                                                              TELECOMMUNICATION INFORMATION:
                                                                                                                         CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: LASSEN, ELIZABETH
                                                                                                                                                                                                         SOFTWARE: Patentin Release #1.0, CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                        COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                    CORRESPONDENCE ADDRESS:
ADDRESSEE: GENZYME CORPORATION
                                                                                                                                                                                                                                                                                                                                                                                                                   NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                       TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       4010 teceaetegeateetteeetteetaeeetggtteeteegtgetteageeteeegeggete 4069
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                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT:
                                                                                             REGISTRATION NUMBER: 31,845
REFERENCE/DOCKET NUMBER: GE
                                                                                                                                                                                                                                       MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                         CITY: FRAMINGHAM
STATE: MASSACHUSE
                                                             TELEPHONE:
                                                                                                                                                                              FILING DATE:
                                                                                                                                                                                        APPLICATION NUMBER: US/08/658,136
                                                                                                                                                                                                                                                                                                       ZIP: 01701
                                                                                                                                                                                                                                                                                                                      COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                      STREET:
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   53526
                                                508-872-5415
                                                                                                                                                                                                                                                                                                                          USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 DACKOWSKI, WILLIAM
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                                                             508-872-8400
base pairs
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                                                                                             GEN4-17.8
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                               GEWERAL INFORMATION:
APPLICANT: KLINGER,
APPLICANT: LANDES,
APPLICANT: BURN, TI
APPLICANT: CONNORS,
APPLICANT: CONNORS,
APPLICANT: CONNORS,
                                                                                                        Sequence 1, Application US/08658136 Patent No. 6071717
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Best Local
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 INVENTION:
                                                        KLINGER, KATHERINE LANDES, GREGORY M BURN, TIMOTHY C
           QIAN,
                                               CONNORS,
                       GERMINO,
                                 DACKOWSKI, WILLIAM
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POLYCYSTIC KIDNEY DISEASE
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Pred. No. 1.7e-22;
0; Mismatches 316;
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Best Local Similarity
Matches 343; Conserv
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NAME: LASSEN, ELIZADI... 31.845
REGISTRATION NUMBER: 31.845
REFERENCE/DOCKET NUMBER: GEN4
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION TOPOCHATION:
TOPOCHATION TOPOCHATION:
TOPOCHATION TOPOCHATION
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INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 53577 base pairs
TYPE: nucleic acid
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ATTORNEY/AGENT INFORMATION:
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CORRESPONDENCE ADDRESS:
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COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version
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TOPOLOGY: lin
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CITY: FRAMINGHAM
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Pred. No. 1.7e-22;
0; Mismatches 316;
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Best Local Similarity 50.7%;
Matches 337; Conservation
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CURRENT APPLICATION DATA:
APPLICATION NUMBER: US
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TITLE OF INVENTION: PSEUDORABIES VIRUS VACCINE
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                                             eteteeceteegteecteteececeeegteecteteeceteegteecteteeceteegt 4380
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Pred. No. 3.1e-20;
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: Sequence 8, Application US/09165264

: Patent No. 6197510
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SEQ ID NO 8
LENGTH: 319
          SOFTWARE:
SEQ ID NO 7
                                                                                                                        GENERAL INFORMATION:
                                                                                                                                    Sequence 7, Application US/09165264
Patent No. 6197510
                                    APPLICANT: Vinayagamoorthy, Thuraiayah TITLE OF INVENTION: Multi-Loci Genomic Analysis FILE REFERENCE: 44747 CURRENT APPLICATION NUMBER: US/09/165,264 CURRENT FILING DATE: 1998-10-01 NUMBER OF SEQ ID NOS: 14
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CURRENT FILING DATE: 1998-10-01
NUMBER OF SEQ ID NOS: 14
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LENGTH: 320
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LENGTH: 320
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Best Local Similarity
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CURRENT FILING DATE: 1998-10-01
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                                                                                                                                                                                                                                                                                                                                               NUMBER OF SEQ
SOFTWARE: Pat
                                                                                                                                                                                                                                                                                  TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                           FEATURE:
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Pred. No. 3.4e-17;
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CURRENT FILING DATE: 1998-10-01
NUMBER OF SEQ ID NOS: 14
SOFTWARE: Patentin Ver. 2:1
SEQ ID NO 11
LENGTH: 320
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                                                              GENERAL INFORMATION:
                                                                          Sequence 14, Application US/09165264 Patent No. 6197510
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Best Local Similarity
Matches 183; Conserv
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                        APPLICANT: Vinayagamoorthy, Thuraiayah TITLE OF INVENTION: Multi-Loci Genomic Analysis FILE REFERENCE: 44747
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 CURRENT FILING DATE:
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Pred. No. 4.3e-17;
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US-09:165-264-14
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Patent No. 6197510
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SEQ ID NO 12
LENGTH: 318
TYPE: DNA
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APPLICANT: Vinayagamoorthy, Thuraiayah
TITLE OF INVENTION: Multi-Loci Genomic Analysis
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Best,Local Similarity
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SEQ ID NO 14
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NUMBER OF SEQ ID NOS: 14
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TYPE: DNA
ORGANISM: Artificial Sequence
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Pred. No. 9.8e-17;
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LENGTH: 1931
TYPE: DNA
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APPLICANT: Damaj, Bassam B.
APPLICANT: Robbins, Alan K.
TITLE OF INVENTION: Eukaryotic Cells Stably Expressing
TITLE OF INVENTION: From Multiple Transfected Episomes
FILE REFERENCE: 0867/1D903US1
FILE REFERENCE: 0867/1D903US1
FILE REFERENCE: 0867/1D903US1
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APPLICANT: Horlick, Robert A.
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Best Local Similarity
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CURRENT FILING DATE: 1998-08-06
NUMBER OF SEQ ID NOS: 36
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Pred. No. 6.8e-15;
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; FEATURE:

NAME/KEY: misc_feature

; LCCATION: (1)...(152331)

; OTHER INFORMATION: n = A

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LENGTH: 152
TYPE: DNA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CURRENT APPLICATION NUMBER: US/09/128,155
CURRENT FILING DATE: 1998-08-03
EARLIER APPLICATION NUMBER: US 60/091,650
EARLIER FILING DATE: 1998-07-02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Pan, Yang TITLE OF TANGO-77 RELATED PROTEIN FAMILY TITLE OF INVENTION: AND USES THEREOF FILE REFERENCE: 09404/052001
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SOFTWARE: FastSEQ for Windows Version
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Local Sin
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Pred. No. 6.8e-12;
0; Mismatches 191
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Best Local :
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Hiang, Betty
APPLICANT: Payan, Don
TITLE OF INVENTION: Mammalian Protein Interaction Cloning
TITLE OF INVENTION: System
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MEDIUM TYPE: Floppy disk
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LENGTH: 2580 base pairs
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               3902 aactcgttccctccaaaaccgtttcctctcccccacatcctcagtgcttcactgtatcga 3961
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Local Similarity 46.7%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NAME: Silva, Robin M. REGISTRATION NUMBER: 38,304
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FILING DATE: 3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS
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(415) 949-8711
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Pred. No. 4.1e-12;
0; Mismatches 382;
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Best Focal Similarity
Matches 338; Conserv
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                                                                                                                                                                                                                                                                                      SEQ ID NO 1
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APPLICANT: Damaj, Bassam B.
APPLICANT: Damaj, Bassam B.
APPLICANT: Robbins, Alan K.
TITLE OF INVENTION: Eukaryotic Cells Stably Expressing Genes
TITLE OF INVENTION: From Multiple Transfected Episomes
FILE REFERENCE: 0867/1D903US1
                                                                                                                                                                                                                                                                                                                             CURRENT FILING DATE: 1998-08-06
                                                                                                                                                                                                                                                                                                                                            CURRENT APPLICATION NUMBER: US/09/130,114
                                                                                                                                                                                                                                                                                                   SOFTWARE: FastSEQ for Windows Version 3.0
                                                                                                                                                                                                                                                                                                                  NUMBER OF SEQ ID NOS:
                                                                                                                                                                                                                                                ORGANISM: VEBNA
                                                                                                                                                                                                                                                            TYPE: DNA
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                                                                                                                                                              Score 85.8; DB 2;
Pred. No. 6.4e-12;
0; Mismatches 382;
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                        REFERENCE/DOCKET NUMBER: 12
TELECOMMUNICATION INFORMATION:
                                                                                                                                                            COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                   ATTORNEY/AGENT INFORMATION:
NAME: Fujita, Sharon M.
                                                                                                                    CURRENT APPLICATION DATA: APPLICATION NUMBER: US
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                                                                                                                                                                                                                                                                                                                     NUMBER OF SEQUENCES:
                                                                                           CLASSIFICATION:
            TELEPHONE:
                                                   REGISTRATION NUMBER:
                                                                                                            FILING DATE:
                                                                                                                                                  SOFTWARE:
                                                                                                                                                                                                                       COUNTRY: U.S.A. ZIP: 94608-2916
                                                                                                                                                                                                                                                             CITY: Emeryville
                                                                                                                                                                                                                                                                             STREET:
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                                            AGENT INC....
Fujita, Sharon M.
Fujita, Sharon M.
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                                                                                                                                                                                                                                                  California
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(510) 923-27
(510) 655-3542
                                                                                                                                                 PatentIn Release #1.0, Version #1.30
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Best Local Similarity
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                  4381
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         POPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: nucleic acid
STRANDEDNESS: single
CTC
                 cgc 4383
                                             cettecestectaccetggttcetecgtgettcagectcecgegggetecettcegeceace
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Pred. No. 8.9e-12;
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